

INL *Intelligence*

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A high-level monthly briefing on operations and activities at the U.S. Department of Energy's Idaho National Laboratory
Work at the lab advances the Department's strategic goals in the areas of energy, environment, defense and science.

■ **National and Homeland Security Programs Get Closer Look**

Rep. Mike Simpson of Idaho and Rep. Harold "Hal" Rogers of Kentucky toured INL Monday, Aug. 28, to learn about the Lab's National and Homeland Security programs. As chairman of the U.S. House Subcommittee on Homeland Security Appropriations, Rogers is responsible for funding and oversight of the Department of Homeland Security (DHS). During the meeting, Rogers and Simpson learned about INL's capabilities and expertise in cyber-security and critical infrastructure protection, including several programs funded by DHS. Since 2002, INL has had a comprehensive initiative to develop technologies, tools and training to increase physical and cyber-security measures in critical infrastructure systems such as the electric power grid and telecommunication networks. By 2008, INL expects to establish a national Center of Excellence in Critical Infrastructure Protection.

■ **Biogeochemist Named Congressional Science Fellow**

INL researcher Craig Cooper has been named the Geological Society of America/U.S. Geological Survey Congressional Science Fellow for 2006-2007. Cooper will advise and assist federal lawmakers in Washington, D.C., on policy initiatives focusing on energy, water, natural resource and environmental issues. At INL, he studies the impact of development and operation of energy production systems on natural processes – to protect and sustain clean air and water. He supports INL's environmental remediation and national security research efforts.

■ **Lab Encourages Math, Science and Technology Education**

INL will invest \$15,000 in partnership with the Sho-Ban High School/ Junior High to implement a computer-based science and technology education program. The science classroom at the school will be equipped with wireless laptops loaded with curriculum software to allow students to complete additional science activities using state-of-the-art simulation tailored to each student's existing knowledge. Having a high-quality program like the one at Sho-Ban school will increase opportunities for students to gain additional insight in math, science and technology and better prepare them for future careers or post-secondary education.

■ **INL Technologies Earn Federal Laboratory Consortium Awards**

The Federal Laboratory Consortium for Technology Transfer Far West Region has announced that three INL technologies have earned Outstanding Technology Development awards – the INL Robot Intelligence Kernel, Compact High Efficiency Natural Gas Liquefier and the Nano-Composite Arsenic Sorbent (N-CAS). FLC is a nationwide network of federal laboratories that provides the forum to develop strategies and opportunities for linking laboratory technologies and expertise with the marketplace. The FLC Far West is one of six regions covering the U.S. and is comprised of Alaska, Arizona, California, Hawaii, Idaho, Nevada, Oregon and Washington. There are more than 100 federal laboratories and facilities in the region.

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